

WHAT IS CLAIMED IS:

1. An open top type IC socket comprising:  
a socket body; and  
5 a cover member mounted vertically movable to the  
socket body to open and close contacts;  
wherein said socket body has a mounting portion  
to support an IC package mounted on the socket, and  
said cover member has a square opening facing said  
10 mounting portion and inclined guide wall surfaces  
leading to said opening and adapted to guide the IC  
package to be mounted onto the mounting portion.
2. An IC socket as claimed in claim 1, wherein  
15 at least two opposing sides of said opening  
substantially match with an envelope joining tips of  
lead terminals extending from the IC package to be  
mounted.
- 20 3. An IC socket as claimed in claim 1, wherein  
the inclined guide wall surfaces are arranged  
symmetrical with respect to longitudinal and lateral  
center lines of the square opening and each comprises  
a first inclined guide wall surface traversing each of  
25 the center lines, a second inclined guide wall surface  
provided at each corner portion and having an  
inclination angle larger than an inclination angle of

the first inclined guide wall surface, and a third inclined guide wall surface connecting to the first and second inclined guide wall surfaces.

5           4. An IC socket as claimed in claim 2, wherein  
the inclined guide wall surfaces are arranged  
symmetrical with respect to longitudinal and lateral  
center lines of the square opening and each comprises  
a first inclined guide wall surface traversing each of  
10 the center lines, a second inclined guide wall surface  
provided at each corner portion and having an  
inclination angle larger than an inclination angle of  
the first inclined guide wall surface, and a third  
inclined guide wall surface connecting to the first  
15 and second inclined guide wall surfaces.

20           5. An IC socket as claimed in claim 1, wherein a  
plurality of fixed contacts are arranged around the  
mounting portion and two opposing sides of the opening  
substantially match with an envelope joining outer  
ends of the fixed contacts.

25           6. An IC socket as claimed in claim 2, wherein a  
plurality of fixed contacts are arranged around the  
mounting portion and two opposing sides of the opening  
substantially match with an envelope joining outer  
ends of the fixed contacts.

7. An IC socket as claimed in claim 3, wherein a plurality of fixed contacts are arranged around the mounting portion and two opposing sides of the opening substantially match with an envelope joining outer ends of the fixed contacts.

8. An IC socket comprising:

a socket body having a mounting portion for supporting an IC package and a plurality of contacts arranged around the mounting portion to come into contact with tips of lead terminals extending from the IC package; and

a cover member having an opening at a center thereof and mounted vertically movable to the socket body to open and close the contacts;

wherein the opening has its lower edge formed into a square facing the mounting portion and has inclined guide wall surfaces for guiding the IC package onto the mounting portion.

9. An IC socket as claimed in claim 8, wherein the contacts each have a base portion embedded in the socket body, a first arm extending from the base portion and having a first contact at its tip, and a second arm extending from the base portion and having a second contact at its tip and a curved elastic

portion at its intermediate portion.

10. An IC socket as claimed in claim 9, wherein  
the first contacts at the tips of the first arms are  
5 secured to the socket body.

11. An IC socket as claimed in claim 10, wherein  
two opposing sides of the opening almost match with an  
envelope joining outer ends of the first contacts of  
10 the first arms of the contacts.

12. An IC socket as claimed in claim 10, wherein  
at least two opposing sides of the opening almost  
match with an envelope joining tips of lead terminals  
15 extending from the IC package.

13. An IC socket as claimed in claim 8, wherein  
the inclined guide wall surfaces are arranged  
symmetrical with respect to longitudinal and lateral  
20 center lines of the square opening and each comprises  
a first inclined guide wall surface crossing each of  
the center lines, a second inclined guide wall surface  
provided at each corner portion and having an  
inclination angle larger than an inclination angle of  
25 the first inclined guide wall surface, and a third  
inclined guide wall surface connecting to the first  
and second inclined guide wall surfaces.

14. An IC socket as claimed in claim 13, wherein the contacts each have a base portion embedded in the socket body, a first arm extending from the base  
5 portion and having a first contact at its tip, and a second arm extending from the base portion and having a second contact at its tip and a curved elastic portion at its intermediate portion.

10 15. An IC socket as claimed in claim 14, wherein the first contacts at the tips of the first arms are secured to the socket body.

15 16. An IC socket as claimed in claim 15, wherein two opposing sides of the opening almost match with an envelope joining outer ends of the first contacts of the first arms of the contacts.

20 17. An IC socket as claimed in claim 16, wherein at least two opposing sides of the opening almost match with an envelope joining tips of lead terminals extending from the IC package.